

TABLE 12-64
SUMMARY OF HAZARD INDICES, AND INCREMENTAL RISK EVALUATION
SEMI-AQUATIC WILDLIFE RECEPTORS
CENTRAL TENDENCY (CT) SCENARIO

REMEDIAL INVESTIGATION REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT

LOAEL-BASED HAZARD INDICES					INCREMENTAL RISK (SITE HI - REFERENCE HI)		
RECEPTOR	TIDAL FLATS	OUTFALL 8	MARINE BASIN	REFERENCE	TIDAL FLATS	OUTFALL 8	MARINE BASIN
BLACK DUCK	---	0.10	---	1.4	---	-1	---
GREAT BLUE HERON	1.2	39	0.84	0.12	1.1	39	0.7
SANDPIPER	3.1	25	1.5	1.1	2.0	24	0.4
RACCOON	4.4	0.9	1.3	9.9	-5.5	-9.0	-8.6
NOAEL-BASED HAZARD INDICES					INCREMENTAL RISK (SITE HI - REFERENCE HI)		
RECEPTOR	TIDAL FLATS	OUTFALL 8	MARINE BASIN	REFERENCE	TIDAL FLATS	OUTFALL 8	MARINE BASIN
BLACK DUCK	---	0.57	---	12	---	-11	---
GREAT BLUE HERON	8.9	190	6.9	0.88	8	189	6
SANDPIPER	20	130	11	9.2	11	121	1.8
RACCOON	35	7.0	10	71	-36	-64	-61

Central tendency (CT) HIs/HQs calculated using the lesser of the arithmetic mean or maximum concentration for surface water and sediment.

HIs/Incremental Risks > 1 are shaded. HI > 1 not shaded if HQs for individual analytes were < 1.

--- = Not calculated (CT risks were only calculated for receptor/area combinations for which RME HIs were greater than one)